Theo Dubus, MS Applied Economics and Finance

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Dear ,

I am a former financial analyst with UC Santa Cruz and a recent graduate with an MS in Applied Economics and Finance looking to continue my career in the UC system. My experience in research, finance and administration for a large public institution make me an ideal candidate for this role.

As a master’s student, I self-directed an independent study focusing on the nexus of climate-change related natural disasters and renewable energy markets in California. Using Python, R Studio, and Excel, I designed and conducted experiments on public data to determine causal links between climate events and renewable energy adoption, illustrating my findings with interactive dashboards in Tableau and ArcGIS. From this project, I gained practical skills and experience in research, project management and data visualization, as well as the ability to stay organized and set reasonable goals in a short timeframe. I hope to apply these skills and more in this position.

As a Financial/Business Analyst at UC Santa Cruz Environmental Health & Safety, I created financial reports and budget projections to support decision-making at the Director and Associate Vice Chancellor levels. I was also an intermediary for staff, policy divisions, and state agencies, where I typically carried multiple time-sensitive projects that required me to be proactive and flexible to the needs of multiple parties. I overcame unprecedented challenges in both of these roles by collaborating with customers and colleagues and learning on the job, and I would bring this same energy and focus to my work in this role.

I first gained experience in public health data as a volunteer Contact Tracer/Case Investigator with Santa Cruz County Health Services Agency in the summer of 2020. I was part of the front line of defense in the County’s effort to slow the spread of COVID through public outreach. I implemented policies for engagement and data collection as it was being created on the fly during the chaotic early days of the Pandemic, where I learned to prioritize patient health and confidentiality in a high-stakes environment. Later, as an operations assistant in the UCSC Student Health Center, I gained first-hand experience in the planning and implementation of public health policy as I responded to urgent needs affecting service for an active medical facility, including COVID-19 vaccination clinics. From these experiences, I learned the importance of confidentiality, accuracy, and accessibility of healthcare data for policy decisions, and the impact this could have on people’s lives.

Thank you for considering my application, and I look forward to discussing my qualifications for this position further.

Sincerely,

Theo Dubus, MS Applied Economics and Finance